

F1G.

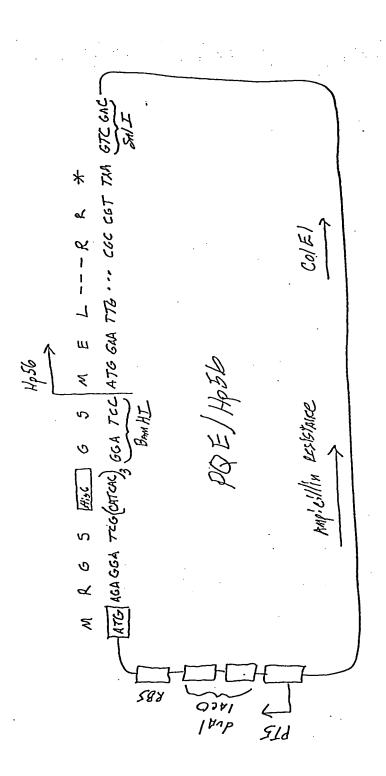


FIG. 2

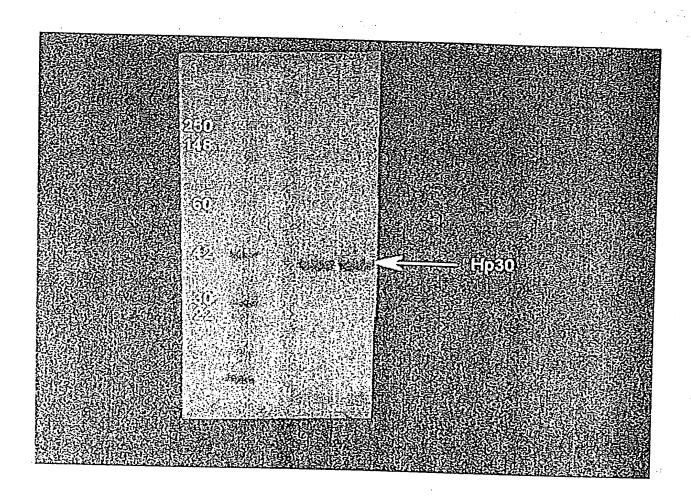


FIG. 3

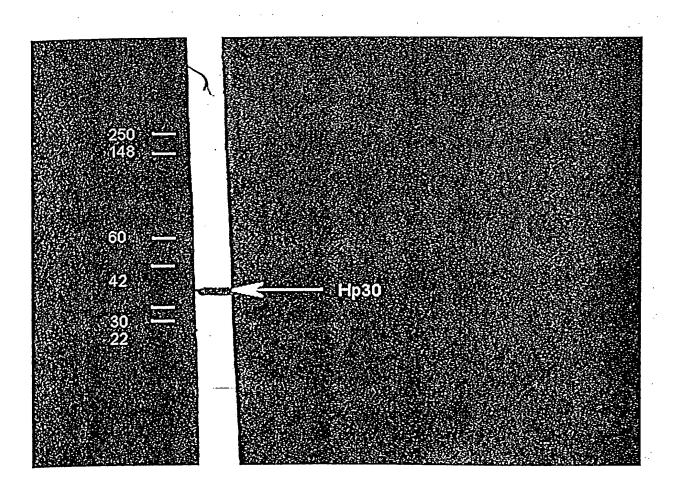


FIG. 4

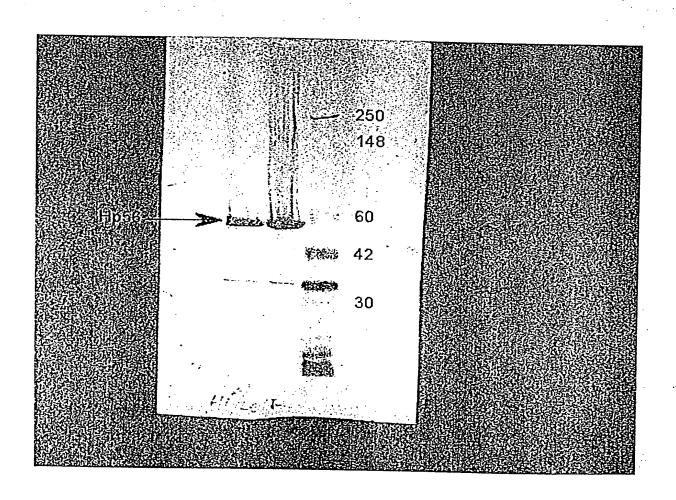


FIG. 5





# (SHEET 6 OF 11)

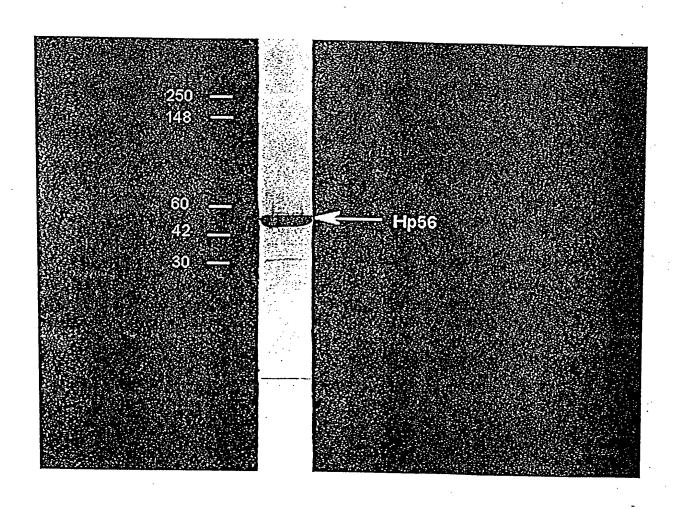


FIG. 6





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											•				•	
ato Mei	g gaa E Glu L	a tte	g aat u Asr	caa n Glr	I PIC	e cca Pro	cto Leu	cct Pro	aca Thi	GI	a att	gat Asp	gg Gly	t gad y Ası 1	gct Ala	48
tat Tyi	cat His	aaq Lys	g ccc s Pro 20	Ser	ttt Phe	aat Asr	gat Asp	ttg Leu 25	ı G13	tta Leu	a aaa 1 Lys	gaa Glu	tcg Sei 30	r Val	tta Leu	96
aaa Lys	tco Ser	gtt Val	LTY	gaa Glu	gcc Ala	ggc	tto Phe 40	Thr	tcc Ser	cca Pro	ago Ser	ccc Pro	) Ile	caa Glr	gaa Glu	144
aag Lys	gcc Ala 50	1116	ccg Pro	gct Ala	gtt Val	ttg Leu 55	Gln	ggc	cga	gat Asp	gtc Val	Ile	gca Ala	caa Glr	gcc Ala	192
Caa Gln 65	inr	ggc	aca Thr	gga Gly	aaa Lys 70	Thr	gcc Ala	gct Ala	ttc Phe	gct Ala 75	Leu	Pro	att Ile	ato Ile	aac Asn 80	240
aac Asn	ctt Leu	aaa Lys	aac Asn	aac Asn 85	His	acc Thr	ata Ile	gaa Glu	gcc Ala 90	Leu	gtg Val	ato	acg Thr	ccc Pro	acc Thr	288
aga Arg	gaa Glu	tta Leu	gcc Ala 100	atg Met	caa Gln	att Ile	agc Ser	-gat Asp 105	gag Glu	att Ile	ttc Phe	aaa Lys	ttg Leu 110	Gly	aaa Lys	336
cac His	acc Thr	agg Arg 115	act Thr	aaa Lys	acc Thr	gtg Val	tgc Cys 120	gtg Val	tat Tyr	gga Gly	ggc	cag Gln 125	agc Ser	gtt Val	aaa Lys	384
aag Lys	caa Gln 130	tgc Cys	gaa Glu	ttc Phe	att Ile	aag Lys 135	aaa Lys	aat Asn	ccc Pro	caa Gln	gtg Val 140	atg Met	atc Ile	gct Ala	aca Thr	432
cca Pro 145	gga Gly	agg Arg	ctg Leu	ctc Leu	gat Asp 150	cac His	tta Leu	aaa Lys	aac Asn	gaa Glu 155	cgc Arg	atc Ile	cat His	aaa Lys	ttt Phe 160	480
gtg Val	cct Pro	aaa Lys	gtg Val	gtc Val 165	gtt Val	tta Leu	gat Asp	gaa Glu	agc Ser 170	gat Asp	gaa Glu	atg Met	ctg Leu	gat Asp 175	atg Met	528
Gly 999	ttt Phe	tta Leu	gac Asp 180	gat Asp	att Ile	gaa Glu	gag Glu	att Ile 185	ttt Phe	gac Asp	tac Tyr	ctc Leu	cct Pro 190	agc Ser	gaa Glu	576
gcg Ala	cag Gln	att Ile 195	ttg Leu	ctt Leu	ttt Phe	tca Ser	gcc Ala 200	acg Thr	atg Met	cca Pro	gag Glu	ccg Pro 205	att Ile	aaa Lys	aga Arg	624
cta Leu	gcg Ala 210	gat Asp	aag Lys	att Ile	tta Leu	gaa Glu 215	aac Asn	cct Pro	att Ile	aaa Lys	atc Ile 220	cat His	atc Ile	gct Ala	cct Pro	672
tct Ser 225	aat Asn	atc Ile	act Thr	aac Asn	acc Thr 230	gac Asp	atc Ile	acc Thr	caa Gln	cgc Arg 235	ttt Phe	tat Tyr	gtg Val	atc Ile	aat Asn 240	720
gag Glu	cat His	gag Glu	agg Arg	gcc Ala 245	gaa Glu	gcg Ala	atc Ile	Met	cgc Arg 250	ctt Leu	tta Leu	gac Asp	acc Thr	caa Gln 255	gca Ala	768
ccc Pro	aaa Lys	aag Lys	agc Ser 260	att Ile	gtt Val	ttc Phe	Thr	cgc Arg 265	act Thr	aaa Lys	aaa Lys	Glu	gcc Ala 270	gat Asp	gaa Glu	816





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ttg Leu	His	caa Gln 275	Phe	ctt Leu	gct Ala	tct Ser	aaa Lys 280	aat Asn	tac Tyr	aaa Lys	agc Ser	acc Thr 285	gcc Ala	ttg Leu	cat His	864
999 Gly	gat Asp 290	atg Met	gat Asp	caa Gln	agg Arg	gat Asp 295	cgg Arg	cgc Arg	tct Ser	tct Ser	atc Ile 300	atg Met	gcg Ala	ttt Phe	aaa Lys	912
aaa Lys 305	aat Asn	gac Asp	gct Ala	gat Asp	gtg Val 310	ttg Leu	gtg Val	gct Ala	aca Thr	gat Asp 315	gtg Val	gcg Ala	agt Ser	cgt Arg	999 Gly 320	960
cta Leu	gat Asp	att Ile	agc Ser	ggt Gly 325	gta Val	agc Ser	cat His	gtg Val	ttt Phe 330	aat Asn	tac Tyr	cac His	ttg Leu	ccc Pro 335	cta Leu	1008
aac Asn	act Thr	gag Glu	agc Ser 340	tat Tyr	atc Ile	cat His	cgc Arg	atc Ile 345	999 Gly	aga Arg	acc Thr	999 999	cga Arg 350	gcg Ala	ġgc Gly	1056
aaa Lys	aaa Lys	ggc Gly 355	atg Met	gcg Ala	atc Ile	act Thr	tta Leu 360	gta Val	acc Thr	cct Pro	tta Leu	gaa Glu 365	tac Tyr	aaa Lys	gag Glu	1104
ctt Leu	tta Leu 370	cgc Arg	atg Met	caa Gln	aaa Lys	gaa Glu 375	att Ile	gat Asp	tca Ser	gag Glu	att Ile 380	gaa Glu	ctt Leu	ttt Phe	gaa Glu	1152
atc Ile 385	ccc Pro	acc Thr	att Ile	aac Asn	gaa Glu 390	aat Asn	cag Gln	atc Ile	atc Ile	aaa Lys 395	acc Thr	ttg Leu	cat His	gac Asp	gct Ala 400	1200
aaa Lys	gtg Val	tct Ser	gaa Glu	999 Gly 405	atc Ile	atc Ile	agc Ser	ctt Leu	tat Tyr 410	gaa Glu	cag Gln	ctt Leu	acc Thr	gaa Glu 415	att Ile	1248
ttt Phe	gag Glu	ccg Pro	tct Ser 420	caa Gln	ttg Leu	gtt Val	tta Leu	aaa Lys 425	ctt Leu	ttg Leu	agt Ser	ttg Leu	cag Gln 430	ttt Phe	gaa Glu	1296
acc Thr	agc Ser	aaa Lys 435	Ile	ggc Gly	tta Leu	aac Asn	cag Gln 440	Gln	gaa Glu	att Ile	gac Asp	gcg Ala 445	He	caa Gln	aac Asn	1344
cct Pro	aaa Lys 450	Glu	aaa Lys	acg Thr	cca Pro	aaa Lys 455	Pro	tct Ser	aac Asn	aaa Lys	aaa Lys 460	acg Thr	ccc	caa Gln	cat His	1392
gag Glu 465	Arg	gcg Ala	cgt Arg	tct Ser	ttc Phe 470	Lys	aag Lys	ggt Gly	cag Gln	cac His	Arg	gac Asp	aga Arg	cac His	cct Pro 480	1440
aaa Lys	aca Thr	aac Asn	cat His	tat Tyr 485	Ser	aaa Lys	aaa Lys	ccc Pro	aaa Lys 490	Arg	cgt Arg	Ī				1476





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atg Met 1	gca Ala	tac Tyr	aaa Lys	tat Tyr 5	gat Asp	aga Arg	gac Asp	ttg Leu	gaa Glu 10	ttt Phe	tta Leu	aag Lys	caa Gln	ttg Leu 15	gaa Glu	48
tct Ser	agt Ser	gat Asp	tta Leu 20	ttg Leu	gat Asp	ttg Leu	ttt Phe	gag Glu 25	gtg Val	ctt Leu	gtt Val	ttt Phe	ggt Gly 30	aaa Lys	gac Asp	96
									acc Thr							144
									gca Ala							192
ttg Leu 65	caa Gln	tac Tyr	tat Tyr	Gly 999	agc Ser 70	aat Asn	agt Ser	ttt Phe	gcg Ala	agt Ser 75	ttc Phe	att Ile	aaa Lys	ggc	gaa Glu 80	240
gga Gly	gtc Val	tta Leu	tac Tyr	aaa Lys 85	gag Glu	att Ile	tta Leu	tgc Cys	gat Asp 90	gtg Val	tgc Cys	gat Asp	aaa Lys	tta Leu 95	aag Lys	288
									act Thr							336
ctt Leu	tct Ser	aaa Lys 115	atc Ile	tta Leu	gaa Glu	aga Arg	agt Ser 120	ttg Leu	gaa Glu	gaa Glu	atg Met	gat Asp 125	gat Asp	gaa Glu	gaa Glu	384
gtg Val	aaa Lys 130	gaa Glu	atg Met	tgc Cys	gat Asp	gaa Glu 135	tta Leu	tcc Ser	ata Ile	aaa Lys	aac Asn 140	acg Thr	gac Asp	aat Asn	tta Leu	432
									tta Leu							480
									att Ile 170							528
aaa Lys	acc Thr	att Ile	cta Leu 180	999 Gly	cgt Arg	ggt Gly	tta Leu	tcg Ser 185	ctt Leu	gcg Ala	ggc Gly	aat Asn	cag Gln 190	gtg Val	ctt Leu	576
aca Thr	aga Arg	act Thr 195	ctg Leu	agc Ser	ttt Phe	tta Leu	aca Thr 200	ggt Gly	cct Pro	gtt Val	ggc Gly	tgg Trp 205	atc Ile	att Ile	aca Thr	624
ggc Gly	gta Val 210	tgg Trp	aca Thr	gcg Ala	att Ile	gat Asp 215	att Ile	gca Ala	999 Gly	ccg Pro	gct Ala 220	tat Tyr	agg Arg	gta Val	acc Thr	672
ata Ile 225	ccg Pro	gca Ala	tgc Cys	att Ile	gtg Val 230	gtt Val	gcc Ala	act Thr	tta Leu	cgc Arg 235	cta Leu	aaa Lys	aca Thr	cag Gln	caa Gln 240	720
gcc Ala	aat Asn	gga Gly	gat Asp	aag Lys 245	aag Lys	tcg Ser	ttg Leu	caa Gln	ata Ile 250	gaa Glu	tcc Ser	att Ile				759



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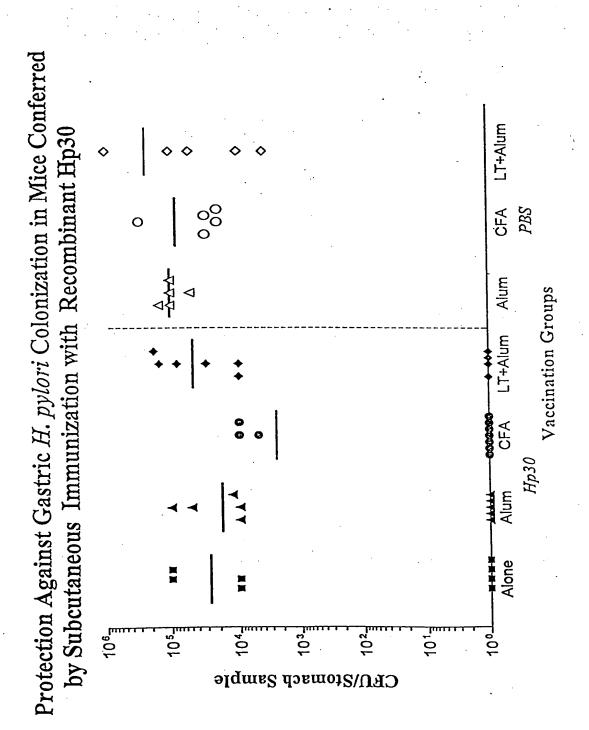
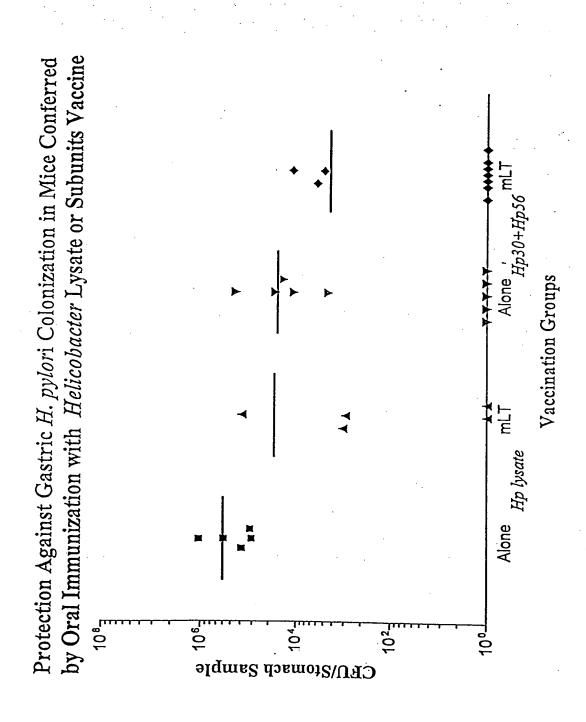


FIG. 0



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